

KHB3K Two-position Three-way High Pressure Ball Valve



型号说明/Model Code

KHB3K G1/2 (1) (2) (3) (4) (5) (6) (7) (9) (8)

(1)产品代号: KHB3K-阀块形球阀DN04-50

(2)螺纹规格或管子外径和连接形式

(3)阀的功能符号: 见下面功能符号

(4) 阀体和接头体材料: 1-碳钢: 4-不锈钢

(5)球体和控制芯轴材料: 1-碳钢: 4-不锈钢

(6)球体处密封材料: 1-POM;4-聚四氟乙烯;5-PEEK

(7)接头密封和控制芯轴密封: 2-NBR;4-FPM;6-EPDM

(8)手柄形式: 04-锌合金压式曲柄

05-钢质压式直柄

06-钢质压式曲柄

(9)表面处理;无-磷化

其它要求请说明

(1)Product code:

KHB-Valve block Ball-shaped DN04-25/40

KHM-Sleeves Ball-shaped DN32-50

(2)Thread size or the pipe diameter and connection type

(3) Valve function Symbol: See below uses symbols

(4) Valve and joints material:

1-Carbon steel、4- Stainless Steel (5)Ball and spindle material control:

1-Carbon steel, 4- Stainless Steel

(6)The seal materials

1-POM、4-Polytetrafluoroethylene

5-PEEK

(7) Joint seal and Control spindle seal:

2-NBR、4-FPM、6-EPDM

(8) Handle Type:

04-Casting zinc crooked handle 05-Steel straight handle

06-Steel crooked handle

(9)Surface treatment:Please specify other requirements



阀的功能/Valve function

(见右图)

该系列球阀只能从接口"1"进压力油,阀的密封功能 只在以下两种情况有效;

1)关闭的油口压力为零;

2)关闭的油口压力小于两个通油口的压力。

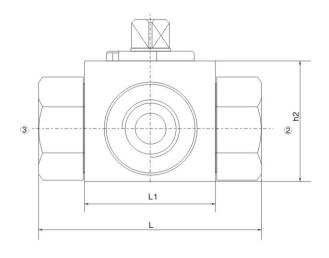
Hydraulic oil just can flow into valve through port "1" and the valve only can be sealed under the two situations:

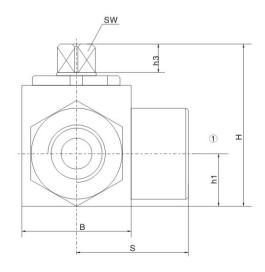
- 1)Pressure at the closed port is zero;
- 2)Pressure at the closed port is lower than at the tow open ports.

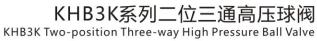
	阀的功能符号/Valv	e function Symbol	
L形/Shape	90° 换向/Commutation	T形/Shape	90° 换向/Commutation
3 2	3 2	3 2	3 2

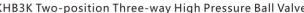
外形尺寸/Dimensions

KHB3K

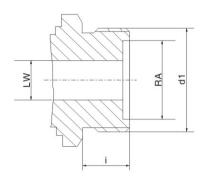


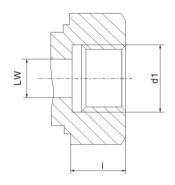


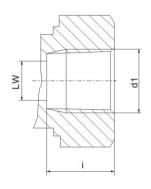












JB984-77 ISO 228 ANSI B1.20.1

JB984-77 外螺纹端面密封/Male Face Sealk

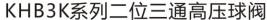
代号	型号 Model	DN	PN	LW	RA	d1	i	L	L1	В	Н	h1	h2	h3	SW	S
80139	KHB3K-M12 × 1.25	4	315	4	8	M12×1.25	9	61	37	28	44.5	13	34	8	9	35
80140	KHB3K-M16 x 1.5	6	315	6	11	M16×1.5	11	69	37	28	44.5	13	34	8	9	35
80141	KHB3K-M22 x 1.5	8	315	8	16	M22×1.5	12	76	42	32	52.5	17	40	8	9	38
80142	KHB3K-M27 x 1.5	10	315	10	20	M27×1.5	12	76	42	32	52.5	17	40	8	9	38
80143	KHB3K-M30 x 1.5	16	315	15	24	M30×1.5	13	84	47	38	63.5	19	43	11	12	42
80144	KHB3K-M36 x 2	20	315	20	30	M36×2	15	103	60	48	75	24	54	12	12	52
80145	KHB3K-M42 × 2	25	315	25	35	M42×2	18	116	65	55	82	28.5	61	12	12	58
80146	KHB3K-M52 × 2	32	315	30	40	M52×2	20	149	84	75	104.5	37.5	84	14	14	72
80147	KHB3K-M60 x 2	40	315	38	50	M60×2	22	174	91	85	115.5	42.5	95	14	17	79.5
80148	KHB3K-M72 × 2	50	315	48	60	M72×2	24	178	100	105	133	52.5	112.5	14	17	89

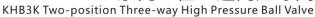
ISO 228内螺纹/Female

型号 Model	DN	PN	LW	d1	i	L	L1	В	Н	h1	h2	h3	SW	S
KHB3K-G1/8	4	315	6	G1/8	10	69	37	28	44.5	13	34	8	9	35
KHB3K-G1/4	6	315	6	G1/4	14	69	37	28	44.5	13	34	8	9	35
KHB3K-G3/8	10	315	10	G3/8	14	72	42	32	52.5	17	40	8	9	36
KHB3K-G1/2	13	315	13	G1/2	16	83	48	35	52.5	17	40	8	9	40
KHB3K-G1/2	16	315	15	G1/2	16	83	47	38	63.5	19	43	11	9	42
KHB3K-G3/4	20	315	20	G3/4	18	95	60	48	75	24	54	12	12	49
KHB3K-G1	25	315	25	G1	20.5	113	65	55	82	28.5	61	12	12	56.5
KHB3K-G11/4	25/32	315	25	G1 ¹ /4	22	120	65	60	82	28.5	61	12	14	60
KHB3K-G1 ¹ /4	32	315	30	G1 ¹ /4	22	110	84	75	104.5	37.5	84	14	17	55
KHB3K-G1 ¹ /2	40	315	38	G1 ¹ /2	24	130	91	85	115.5	42.5	95	14	17	65
KHB3K-G2	50	315	48	G2	26	140	100	105	133	52.5	112.5	14	17	70
	KHB3K-G1/8 KHB3K-G1/4 KHB3K-G3/8 KHB3K-G1/2 KHB3K-G3/4 KHB3K-G1 KHB3K-G1 KHB3K-G1'/4 KHB3K-G1'/4 KHB3K-G1'/2	KHB3K-G1/8 4 KHB3K-G1/4 6 KHB3K-G3/8 10 KHB3K-G1/2 13 KHB3K-G1/2 16 KHB3K-G3/4 20 KHB3K-G1 25 KHB3K-G1 25 KHB3K-G1'/4 25/32 KHB3K-G1'/4 32 KHB3K-G1'/2 40	KHB3K-G1/8 4 315 KHB3K-G1/4 6 315 KHB3K-G3/8 10 315 KHB3K-G1/2 13 315 KHB3K-G1/2 16 315 KHB3K-G1/2 16 315 KHB3K-G3/4 20 315 KHB3K-G1 25 315 KHB3K-G1 25 315 KHB3K-G1'/4 25/32 315 KHB3K-G1'/4 32 315 KHB3K-G1'/2 40 315	KHB3K-G1/8 4 315 6 KHB3K-G1/4 6 315 6 KHB3K-G3/8 10 315 10 KHB3K-G1/2 13 315 13 KHB3K-G1/2 16 315 15 KHB3K-G3/4 20 315 20 KHB3K-G1 25 315 25 KHB3K-G1'/4 25/32 315 25 KHB3K-G1'/4 32 315 30 KHB3K-G1'/2 40 315 38	KHB3K-G1/8 4 315 6 G1/8 KHB3K-G1/4 6 315 6 G1/4 KHB3K-G3/8 10 315 10 G3/8 KHB3K-G1/2 13 315 13 G1/2 KHB3K-G1/2 16 315 15 G1/2 KHB3K-G3/4 20 315 20 G3/4 KHB3K-G1 25 315 25 G1 KHB3K-G1'/4 25/32 315 25 G1'/4 KHB3K-G1'/4 32 315 30 G1'/4 KHB3K-G1'/2 40 315 38 G1'/2	KHB3K-G1/8 4 315 6 G1/8 10 KHB3K-G1/4 6 315 6 G1/4 14 KHB3K-G3/8 10 315 10 G3/8 14 KHB3K-G1/2 13 315 13 G1/2 16 KHB3K-G1/2 16 315 15 G1/2 16 KHB3K-G3/4 20 315 20 G3/4 18 KHB3K-G1 25 315 25 G1 20.5 KHB3K-G1 ¹ /4 25/32 315 25 G1 ¹ /4 22 KHB3K-G1 ¹ /4 32 315 30 G1 ¹ /4 22 KHB3K-G1 ¹ /2 40 315 38 G1 ¹ /2 24	KHB3K-G1/8 4 315 6 G1/8 10 69 KHB3K-G1/4 6 315 6 G1/4 14 69 KHB3K-G3/8 10 315 10 G3/8 14 72 KHB3K-G1/2 13 315 13 G1/2 16 83 KHB3K-G1/2 16 315 15 G1/2 16 83 KHB3K-G3/4 20 315 20 G3/4 18 95 KHB3K-G1 25 315 25 G1 20.5 113 KHB3K-G1 ¹ /4 25/32 315 25 G1 ¹ /4 22 120 KHB3K-G1 ¹ /4 32 315 30 G1 ¹ /4 22 110 KHB3K-G1 ¹ /2 40 315 38 G1 ¹ /2 24 130	KHB3K-G1/8 4 315 6 G1/8 10 69 37 KHB3K-G1/4 6 315 6 G1/4 14 69 37 KHB3K-G3/8 10 315 10 G3/8 14 72 42 KHB3K-G1/2 13 315 13 G1/2 16 83 48 KHB3K-G1/2 16 315 15 G1/2 16 83 47 KHB3K-G3/4 20 315 20 G3/4 18 95 60 KHB3K-G1 25 315 25 G1 20.5 113 65 KHB3K-G1'/4 25/32 315 25 G1'/4 22 120 65 KHB3K-G1'/4 32 315 30 G1'/4 22 110 84 KHB3K-G1'/2 40 315 38 G1'/2 24 130 91	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 KHB3K-G1 25 315 25 G1 20.5 113 65 55 KHB3K-G1'/4 25/32 315 25 G1'/4 22 120 65 60 KHB3K-G1'/4 32 315 30 G1'/4 22 110 84 75 KHB3K-G1'/2 40 315 38 G1'/2 24	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 KHB3K-G1'/4 25/32 315 25 G1'/4 22 120 65 60 82 KHB3K-G1'/4 32 315 30 G1'/4 22 110 84 <t< td=""><td>KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 KHB3K-G1'/4 25/32 315 25 G1'/4 22 120 65 60 82 28.5 KHB3K-G1</td><td>KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 61 KHB3K-G1'/4 25/32 315 25 G1'/4 22</td><td>KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 8 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 8 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 8 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 8 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 11 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 12 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 61 12</td><td>KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 8 9 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 8 9 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 8 9 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 8 9 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 11 9 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 12 12 KHB3K-G1 25 315 25 G1 20.5 113 65</td></t<>	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 KHB3K-G1'/4 25/32 315 25 G1'/4 22 120 65 60 82 28.5 KHB3K-G1	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 61 KHB3K-G1'/4 25/32 315 25 G1'/4 22	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 8 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 8 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 8 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 8 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 11 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 12 KHB3K-G1 25 315 25 G1 20.5 113 65 55 82 28.5 61 12	KHB3K-G1/8 4 315 6 G1/8 10 69 37 28 44.5 13 34 8 9 KHB3K-G1/4 6 315 6 G1/4 14 69 37 28 44.5 13 34 8 9 KHB3K-G3/8 10 315 10 G3/8 14 72 42 32 52.5 17 40 8 9 KHB3K-G1/2 13 315 13 G1/2 16 83 48 35 52.5 17 40 8 9 KHB3K-G1/2 16 315 15 G1/2 16 83 47 38 63.5 19 43 11 9 KHB3K-G3/4 20 315 20 G3/4 18 95 60 48 75 24 54 12 12 KHB3K-G1 25 315 25 G1 20.5 113 65

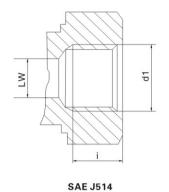
ANSI B1 20、1NPT 内螺纹/NPT Female

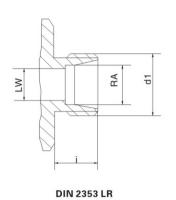
代号	型号 Model	DN	PN	LW	d1	i	L	L1	В	Н	h1	h2	h3	SW	S
80160	KHB3K-G1/8NPT	4	315	6	1/8NPT	10.5	69	37	28	44.5	13	34	8	9	35
80161	KHB3K-G1/4NPT	6	315	6	1/4NPT	14	69	37	28	44.5	13	34	8	9	35
80162	KHB3K-G3/8NPT	10	315	10	3/8NPT	14	72	42	32	52.5	17	40	8	9	36
80163	KHB3K-G1/2NPT	13	315	13	1/2NPT	17	83	48	35	52.5	17	40	8	9	40
80164	KHB3K-G3/4NPT	20	315	20	3/4NPT	19	95	60	48	75	24	54	12	12	49
80165	KHB3K-G1NPT	25	315	25	1NPT	22.5	113	65	55	82	28.5	61	12	12	56.5
80167	KHB3K-G1 ¹ /4NPT	25/32	315	25	1 ¹ /4NPT	22.5	120	65	60	82	28.5	61	12	12	60
80166	KHB3K-G1 ¹ /4NPT	32	315	30	1 ¹ /4NPT	25	120	84	75	104.5	37.5	84	14	14	60
80168	KHB3K-G1 ¹ /2NPT	40	315	38	11/2NPT	25	130	91	85	115.5	42.5	95	14	17	70
80169	KHB3K-G2NPT	50	315	48	2NPT	30	140	100	105	133	52.5	112.5	14	17	75

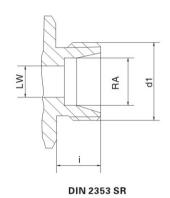












SAE J 514 UN/UNF 内螺纹/Female

代号	型号 Model	DN	PN	LW	d1	i	L	L1	В	Н	h1	h2	h3	SW1	S
80601	KHB3K-SAE4	6	315	6	SAE4	12	69	37	28	44.5	13	34	8	9	35
80602	KHB3K-SAE6	10	315	10	SAE6	13	72	42	32	52.5	17	40	8	9	36
80603	KHB3K-SAE8	13	315	13	SAE8	15	83	48	37	52.5	17	40	8	9	40
80604	KHB3K-SAE12	20	315	20	SAE12	20	95	60	48	75	24	54	12	12	49
80605	KHB3K-SAE16	25	315	25	SAE16	20	113	65	55	82	28.5	61	12	12	56.5
80606	KHB3K-SAE20	25/32	315	25	SAE20	20	120	65	60	82	28.5	61	12	12	60
80607	KHB3K-SAE20	32	315	30	SAE20	20	120	84	75	104.5	37.5	84	14	14	60
80608	KHB3K-SAE24	40	315	38	SAE24	20	130	91	85	115.5	42.5	95	14	17	70
80609	KHB3K-SAE32	50	315	48	SAE32	20	140	100	105	133	52.5	112.5	14	17	75

DIN 2353 轻系列/Light Series

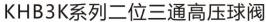
请注意管路连接的压力等级 Note that the line connecting the pressure rating

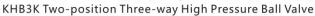
											140	oto tilat til	e iiiie eei	mooting	tile press	ure rating
代号	型号 Model	DN	PN	LW	RA	d1	i	L	L1	В	Н	h1	h2	h3	SW1	S
80170	KHB3K-06LR	4	315	4	6	M12×1.25	10	67	37	28	44.5	13	32	8	9	34.5
80171	KHB3K-08LR	6	315	6	8	M14×1.5	10	67	37	28	44.5	13	32	8	9	34.5
80172	KHB3K-10LR	8	315	8	10	M16×1.5	11	74	42	32	52.5	17	40	8	9	37
80173	KHB3K-12LR	10	315	10	12	M18×1.5	11	74	42	32	52.5	17	40	8	9	37
80174	KHB3K-15LR	13	315	13	15	M22×1.5	12	82	48	37	52.5	17	43	8	9	40
80175	KHB3K-18LR	13	315	13	18	M26×1.5	12	82	48	37	52.5	17	43	8	9	42
80176	KHB3K-18LR	16	315	15	18	M26×1.5	12	82	47	38	63.5	19	46	11	9	42
80177	KHB3K-22LR	20	315	19	22	M30×2	14	101	60	48	75	24	54	12	12	52
80178	KHB3K-28LR	25	315	25	28	M36×2	14	108	65	55	82	28.5	61	12	12	54
80179	KHB3K-35LR	25/32	315	25	35	M45×2	16	112	65	60	82	28.5	64	12	14	56

DIN 2353 重系列/Heavy Series

请注意管路连接的压力等级 Note that the line connecting the pressure rating

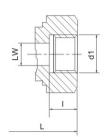
代号	型号 Model	DN	PN	LW	RA	d1	i	L	L1	В	Н	h1	h2	h3	SW1	S
80181	KHB3K-08SR	4	315	5	8	M16×1.5	12	73	37	28	44.5	13	34	8	9	37
80182	KHB3K-10SR	6	315	6	10	M18×1.5	12	73	37	28	44.5	13	34	8	9	37
80183	KHB3K-12SR	8	315	8	12	M20×1.5	12	76	42	32	52.5	17	40	8	9	38
80184	KHB3K-14SR	10	315	10	14	M22×1.5	14	80	42	32	52.5	17	40	8	9	40
80186	KHB3K-16SR	13	315	13	16	M24×1.5	14	86	48	35	52.5	17	40	8	9	43.5
80187	KHB3K-20SR	13	315	13	20	M30×2	16	90	48	35	52.5	17	40	8	9	45.5
80188	KHB3K-20SR	16	315	15	22	M30×2	16	90	47	38	63.5	19	46	11	12	45.5
80189	KHB3K-25SR	20	315	19	25	M36×2	18	109	60	48	75	24	54	12	12	56
80190	KHB3K-30SR	25	315	25	30	M42×2	20	120	65	55	82	28.5	61	12	12	60
80191	KHB3K-38SR	25/32	315	25	38	M52×2	22	124	65	60	82	28.5	64	12	14	62



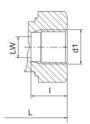




公制内螺纹



ISO7-1 内螺纹



公制内螺纹

代号	型믁	DN	PN	LW	d1	i	L	L1	В	Н	h1	h2	h3	SW1	S
80192	KHB3K-N-M14×1.5	6	315	6	M14×1.5	14	69	37	28	44.5	13	32	8	9	35
80193	KHB3K-N-M18×1.5	10	315	10	M18×1.5	13	72	42	32	52.5	17	40	8	9	36
80194	KHB3K-N -M22 x 1.5-SW9	13	315	13	M22×1.5	15	83	48	35	52.5	17	40	8	9	40
80195	KHB3K-N -M27×2	20	315	20	M27×2	18	95	60	48	75	24	57	12	14	49
80196	KHB3K-N-M33×2	25	315	25	M33×2	20	113	65	57	82	28.5	64	12	14	56.5
80196-1	KHB3K-N -M42×2	32	315	30	M42×2	22	110	84	75	104.5	37.5	84	14	17	55
80196-2	KHB3K-N-M48×2	40	315	38	M48×2	24	130	91	85	115.5	42.5	95	14	17	65
80196-3	KHB3K-N-M60×2	50	315	48	M60×2	26	140	100	105	133	52.5	112.5	14	17	75

ISO7-1 内螺纹

代号	型号	DN	PN	LW	d1	i	L	L1	В	Н	h1	h2	h3	SW1	S
80197	KHB3K-1/8BSPT	4	315	6	Rc1/8	11	69	37	28	44.5	13	32	8	9	35
80198	KHB3K-1/4BSPT	6	315	6	Rc1/4	14	69	37	28	44.5	13	32	8	9	35
80199	KHB3K-3/8BSPT	10	315	10	Rc3/8	14	72	42	32	52.5	17	40	8	9	36
80200	KHB3K-1/2BSPT	13	315	13	Rc1/2	17	83	48	35	52.5	17	40	8	9	40
80201	KHB3K-3/4BSPT	20	315	20	Rc3/4	19	95	60	48	75	24	57	12	14	49
80202	KHB3K-1BSPT	25	315	25	Rc1	22.5	113	65	57	82	28.5	64	12	14	56.5
80203	KHB3K-1 ¹ /4BSPT	25/32	315	25	Rc1 ¹ /4	22.5	120	65	60	82	28.5	64	12	14	60

订货示例

(1)内螺纹连接,螺纹规格G3/4,功能为L形,零件材料为常规组合,手柄为锌合金压式曲柄,表面镀环保锌,其型号为: KHB3K-G3/4-L-1112-04(环保锌) (2)订货时没有注明零件材料代号的为1122常规材料,可省略。